

ABSTRACT OF THE DISCLOSURE

A monitoring system for high-frequency circuits which minimizes the insertion loss of additional monitoring circuits while requiring only a small space. An input coupler is placed at the input of a high-frequency circuit whose frequency response is to be monitored. The input coupler has a space where a given high-frequency probing signal can propagate, and it combines this propagating signal with a given electrical input signal. The combined signal is processed by the high-frequency circuit, and the resulting signal is supplied to an output coupler. The output coupler has a space for propagation of a high-frequency probing signal component contained in the received combined signal. The output coupler extracts this propagating signal component for the purpose of monitoring.